

1449 Information Disclosure Citation in an Application			Application No. 10/723,322	Applicant(s) Douglas P. Seams		
			Docket Number 067083.0229	Group Art Unit	Filing Date November 26, 2003	
U.S. PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A 54,144	04/24/1866	Hamar	N/A	N/A	
	B 274,740	03/27/1883	Douglass	N/A	N/A	12/02/1892
	C 526,708	10/02/1894	Horton	N/A	N/A	09/01/1893
	D 639,036	12/12/1899	Heald	N/A	N/A	08/21/1899
	E 1,189,560	07/04/1916	Gondos	N/A	N/A	10/21/1914
	F 1,285,347	11/19/1918	Otto	N/A	N/A	02/09/1918
	G 1,467,480	09/11/1923	Hogue	N/A	N/A	12/19/1921
	H 1,485,615	03/04/1924	Jones	N/A	N/A	12/08/1920
	I 1,520,737	12/30/1924	Wright	N/A	N/A	04/26/1924
	J 1,674,392	06/19/1928	Flansburg	N/A	N/A	08/06/1927
	K 1,777,961	10/07/1930	Capeliuschnicoff	N/A	N/A	04/04/1927
	L 2,018,285	10/22/1935	Schweitzer et al.	166	21	11/27/1934
	M 2,069,482	02/02/1937	Seay	255	76	04/18/1935
	N 2,150,228	03/14/1939	Lamb	166	10	08/31/1936
	O 2,169,718	08/15/1939	Boll et al.	255	24	04/01/1937
	P 2,335,085	11/23/1943	Roberts	251	197	03/18/1947
	Q 2,450,223	09/28/1948	Barbour	255	76	11/25/1944
	R 2,490,350	12/06/1949	Grable	166	4	12/15/1943
	S 2,679,903	06/01/1954	McGowen, Jr. et al.	166	1	11/23/1949
	T 2,726,063	12/06/1955	Ragland et al.	255	1.8	05/10/1952
	U 2,726,847	03/31/1952	McCune et al.	255	1.6	03/31/1952
	V 2,783,018	02/26/1957	Lytle	251	25	02/11/1955
	W 2,847,189	08/12/1958	Shook	255	76	01/08/1953
	X 2,911,008	11/03/1959	Du Bois	137	625.31	04/09/1956
	Y 2,980,142	04/18/1961	Turak	137	637.3	09/08/1958
	Z 3,208,537	09/28/1965	Scarborough	175	53	12/08/1960
	AA 3,347,595	10/17/1967	Dahms et al.	299	4	05/03/1965
	BB 3,443,648	05/13/1969	Howard	175	103	09/13/1967
EXAMINER <i>John M.</i>			DATE CONSIDERED <i>2/12/05</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						
U.S. Patent and Trademark Office						

PTO-1449 <b>Information Disclosure Citation in an Application</b>			Application No. <b>10/723,322</b>	Applicant(s) <b>Douglas P. Stearns</b>		
			Docket Number <b>067083.0229</b>	Group Art Unit <b>121</b>	Filing Date <b>November 26, 2003</b>	
<b>U.S. PATENT DOCUMENTS</b>						
		DOCUMENT NO.	DATE	NAME	SUBCLASS	FILING DATE
	A.	3,473,571	10/21/1969	Dugay	137	625.4
	B.	3,503,377	03/31/1970	Beatenbough et al.	123	117
	C.	3,528,516	09/15/1970	Brown	175	267
	D.	3,530,675	09/29/1970	Turzillo	61	35
	E.	3,684,041	08/15/1972	Kammerer, Jr. et al.	175	267
	F.	3,692,041	09/19/1972	Bondi	137	238
	G.	3,757,876	09/11/1973	Pereau	175	267
	H.	3,757,877	09/11/1973	Leathers	175	269
	I.	3,800,830	04/02/1974	Etter	137	625.41
	J.	3,809,519	05/07/1974	Garner	425	245
	K.	3,825,081	07/23/1974	McMahon	175	73
	L.	3,828,867	08/13/1974	Elwood	175	45
	M.	3,874,413	04/01/1975	Valdez	137	625.47
	N.	3,887,008	06/03/1975	Canfield	166	267
	O.	3,902,322	09/02/1975	Watanabe	61	35
	P.	3,907,045	09/23/1975	Dahl et al.	175	45
	Q.	3,934,649	01/27/1976	Pasini, III et al.	166	254
	R.	3,957,082	05/18/1976	Fuson et al.	137	625.41
	S.	3,961,824	06/08/1976	Van Eek et al.	299	17
	T.	4,011,890	03/15/1977	Andersson	137	625.4
	U.	4,022,279	05/10/1977	Driver	166	271
	V.	4,037,658	07/26/1977	Anderson	166	272
	W.	4,073,351	02/14/1978	Baum	175	14
	X.	4,089,374	05/16/1978	Terry	166	259
	Y.	4,116,012	09/26/1978	Abe et al.	405	238
	Z.	4,134,463	01/16/1979	Allen	175	53
	AA.	4,156,437	05/29/1979	Chivens et al.	137	554
	BB.	4,169,510	10/02/1979	Meigs	175	65
EXAMINER <i>andrea M.</i>				DATE CONSIDERED <i>2/17/05</i>		
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<b>PTO-1449</b> <b>Information Disclosure Citation</b> <b>in an Application</b>			Application No. <b>10/723,322</b>	Applicant(s) <b>Douglas P. Seams</b>			
			Docket Number <b>067083.0229</b>	Group Art Unit <b>11</b>	Filing Date <b>November 26, 2003</b>		
<b>U.S. PATENT DOCUMENTS</b>							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.	4,189,184	02/19/1980	Green	299	8	10/13/1978
	B.	4,220,203	09/02/1980	Steeman	166	271	12/06/1978
	C.	4,221,433	09/09/1980	Jacoby	299	4	07/20/1978
	D.	4,224,989	09/30/1980	Blount	166	250	10/30/1978
	E.	4,257,650	03/24/1981	Allen	299	2	09/07/1978
	F.	4,278,137	07/14/1981	Van Eek, deceased	175	267	06/18/1979
	G.	4,283,088	08/11/1981	Tabakov et al.	299	2	05/14/1979
	H.	4,296,785	10/27/1981	Vitello et al.	141	105	07/09/1979
	I.	4,299,295	11/10/1981	Gossard	175	45	02/08/1980
	J.	4,303,127	12/01/1981	Freel et al.	166	266	02/11/1980
	K.	4,305,464	12/15/1981	Masszi	166	370	03/07/1980
	L.	4,312,377	01/26/1982	Knecht	137	625.19	08/29/1979
	M.	4,317,492	03/02/1982	Summers et al.	175	79	02/26/1980
	N.	4,328,577	05/04/1982	Abbott et al.	370	84	06/03/1980
	O.	4,366,988	01/04/1983	Bodine	299	14	04/07/1980
	P.	4,372,398	02/08/1983	Kuckes	175	45	11/04/1980
	Q.	4,386,665	06/07/1983	Dellinger	175	61	10/27/1981
	R.	4,390,067	06/28/1983	Willman	166	245	04/06/1981
	S.	4,396,076	08/02/1983	Inoue	175	265	04/27/1981
	T.	4,397,360	08/09/1983	Schmidt	175	61	07/06/1981
	U.	4,401,171	08/30/1983	Fuchs	175	267	12/10/1981
	V.	4,407,376	10/04/1983	Inoue	175	267	06/26/1981
	W.	4,437,706	03/20/1984	Johnson	299	7	08/30/1981
	X.	4,442,896	04/17/1984	Reale et al.	166	278	07/21/1982
	Y.	4,494,616	01/22/1985	McKee	175	67	07/18/1983
	Z.	4,512,422	04/23/1985	Knisley	175	99	06/28/1983
	AA.	4,519,463	05/28/1985	Schuh	175	61	03/19/1984
	BB.	4,527,639	07/09/1985	Dickinson, III et al.	175	61	03/02/1983
	CC.	4,532,986	08/06/1985	Mims et al.	166	50	05/05/1983
EXAMINER <i>Mark Man</i>				DATE CONSIDERED <i>2/17/05</i>			
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			Docket Number <b>067083.0229</b>	Group Art Unit <b>1</b>	Filing Date <b>November 26, 2003</b>		
FEB 16 2004 U.S. PATENT & TRADEMARK OFFICE							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
mm	A.	4,544,037	10/01/1985	Terry	166	369	02/21/1984
	B.	4,558,744	12/17/1985	Gibb	166	335	09/13/1983
	C.	4,565,252	01/21/1986	Campbell et al.	175	269	03/08/1984
	D.	4,573,541	03/04/1986	Josse et al.	175	78	08/09/1984
	E.	4,599,172	07/08/1986	Gardes	210	314	12/24/1984
	F.	4,600,061	07/15/1986	Richards	175	62	06/08/1984
	G.	4,605,076	08/12/1986	Goodhart	175	61	08/03/1984
	H.	4,611,855	09/16/1986	Richards	299	2	05/11/1984
	I.	4,618,009	10/21/1986	Carter et al.	175	267	08/08/1984
	J.	4,638,949	01/27/1987	Mancel	239	307	04/26/1984
	K.	4,646,836	03/03/1987	Goodhart	166	303	12/20/1984
	L.	4,674,579	06/23/1987	Geller et al.	175	45	03/07/1985
	M.	4,702,314	10/27/1987	Huang et al.	166	245	03/03/1986
	N.	4,705,431	11/10/1987	Gadelle et al.	405	267	12/20/1984
	O.	4,715,440	12/29/1987	Boxell et al.	166	100	07/14/1986
	P.	4,754,819	07/05/1988	Dellinger	175	61	03/11/1987
	Q.	4,756,367	07/12/1988	Puri et al.	166	263	04/28/1987
	R.	4,763,734	08/16/1988	Dickinson et al.	175	61	12/23/1985
	S.	4,773,488	09/27/1988	Bell et al.	175	61	08/08/1984
	T.	4,830,105	05/16/1989	Petermann	166	241	02/08/1988
	U.	4,836,611	06/06/1989	El-Saie	299	7	05/09/1988
	V.	4,842,081	06/27/1989	Parant	175	23	05/18/1988
	W.	4,844,182	07/04/1989	Tolle	175	215	06/07/1988
	X.	4,852,666	08/01/1989	Brunet et al.	175	61	04/07/1988
	Y.	4,883,122	11/28/1989	Puri et al.	166	248	08/22/1990
	Z.	4,978,172	12/18/1990	Schwoebel et al.	299	12	10/26/1989
mm	AA.	5,016,710	05/21/1991	Renard et al.	166	245	06/26/1987
EXAMINER <i>Miller, Meier</i>				DATE CONSIDERED <i>2/17/05</i>			
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			Docket Number <b>067083.0229</b>	Group Art Unit <b>SC10</b>	Filing Date <b>November 26, 2003</b>		
<b>U.S. PATENT DOCUMENTS</b>							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<b>A.</b> <b>B.</b> <b>C.</b> <b>D.</b> <b>E.</b> <b>F.</b> <b>G.</b> <b>H.</b> <b>I.</b> <b>J.</b> <b>K.</b> <b>L.</b> <b>M.</b> <b>N.</b> <b>O.</b> <b>P.</b> <b>Q.</b> <b>R.</b> <b>S.</b> <b>T.</b> <b>U.</b> <b>V.</b> <b>W.</b> <b>X.</b> <b>Y.</b> <b>Z.</b> <b>AA.</b>	5,035,605	07/30/1991	Dinerman et al.	481	018	02/16/1990	
	5,036,921	08/06/1991	Pittard et al.	166	298	06/28/1990	
	5,074,360	12/24/1991	Guinn	166	281	07/10/1990	
	5,074,365	12/24/1991	Kuckles	175	40	09/14/1990	
	5,074,366	12/24/1991	Karlsson et al.	175	76	12/24/1991	
	5,082,054	01/21/1992	Kiamanesh	166	248	08/22/1990	
	5,111,893	05/12/1992	Kvello-Aune	175	258	12/24/1990	
	5,135,058	08/04/1992	Millgard et al.	175	71	04/26/1990	
	5,148,875	09/22/1992	Karlsson et al.	175	62	09/24/1991	
	5,165,491	11/24/1992	Wilson	175	62	04/29/1991	
	5,168,942	12/08/1992	Wydrinski	175	50	10/21/1991	
	5,174,374	12/29/1992	Hailey	166	55.8	10/17/1991	
	5,193,620	03/16/1993	Braddick	166	382	08/05/1991	
	5,194,859	03/16/1993	Warren	340	853.4	02/08/1991	
	5,197,553	03/30/1993	Leturno	175	57	08/14/1991	
	5,197,783	03/30/1993	Theimer et al.	299	17	04/29/1991	
	5,199,496	04/06/1993	Redus et al.	166	366	10/18/1991	
	5,201,817	04/13/1993	Hailey	175	269	12/27/1991	
	5,217,076	06/08/1993	Masek	166	303	09/27/1991	
	5,240,350	08/31/1993	Yamaguchi et al.	405	143	11/07/1991	
	5,242,017	09/07/1993	Hailey	166	55.8	12/27/1991	
	5,242,025	09/07/1993	Neill et al.	175	26	06/30/1992	
	5,246,273	09/21/1993	Rosar	299	4	05/13/1991	
	5,255,741	10/26/1993	Alexander	166	278	12/11/1991	
5,271,472	12/21/1993	Leturno	175	107	10/14/1992		
5,301,760	04/12/1994	Graham	175	61	09/10/1992		
5,363,927	11/15/1994	Frank	175	67	09/27/1993		
EXAMINER			DATE CONSIDERED				
<i>Miller Green</i>			<i>2/17/05</i>				
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<b>U.S. PATENT DOCUMENTS</b>						
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA	A. 5,385,205	01/31/1995	Hailey	166	55.8	10/04/1993
	B. 5,394,950	03/07/1995	Gardes	175	45	05/21/1993
	C. 5,402,851	04/04/1995	Baiton	166	369	05/03/1993
	D. 5,411,082	05/02/1995	Kennedy	166	181	01/26/1994
	E. 5,411,085	05/02/1995	Moore et al.	166	242	11/01/1993
	F. 5,411,104	05/02/1995	Stanley	175	65	02/16/1994
	G. 5,411,105	05/02/1995	Gray	175	69	06/14/1994
	H. 5,431,220	07/11/1995	Lennon et al.	166	55.7	03/24/1994
	I. 5,435,400	07/25/1995	Smith	175	61	05/25/1994
	J. 5,447,416	09/05/1995	Wittrisch	417	442	03/28/1994
	K. 5,450,902	09/19/1995	Matthews	166	268	05/14/1993
	L. 5,454,419	10/03/1995	Vloedman	166	277	09/19/1994
	M. 5,458,209	10/17/1995	Hayes et al.	175	61	06/11/1993
	N. 5,462,116	10/31/1995	Carroll	166	249	10/26/1994
	O. 5,462,120	10/31/1995	Gondouin	166	380	01/04/1993
	P. 5,469,155	11/21/1995	Archambeault et al.	340	853.4	07/11/1994
	Q. 5,477,923	12/26/1995	Jordan, Jr. et al.	66	313	01/26/1994
	R. 5,485,089	01/16/1996	Kuckes	324	346	10/08/1993
	S. 5,494,121	02/27/1996	Nackerud	175	263	11/29/1994
	T. 5,499,687	03/19/1996	Lee	175	317	11/18/1991
	U. 5,501,273	03/26/1996	Puri	166	252.5	10/04/1994
	V. 5,501,279	03/26/1996	Garg et al.	166	372	01/12/1995
	W. 5,584,605	12/17/1996	Beard et al.	405	128	06/29/1995
	X. 5,613,242	03/18/1997	Oddo	588	17	12/06/1994
	Y. 5,615,739	04/01/1997	Dallas	166	306	04/30/1996
	Z. 5,669,444	09/23/1997	Riese et al.	166	263	01/31/1996
	AA. 5,680,901	10/28/1997	Gardes	166	313	12/14/1995
	BB. 5,690,390	11/25/1997	Bithell	299	4	04/19/1996
CC.	CC. 5,706,871	01/13/1998	Anderson et al.	141	59	08/15/1995
EXAMINER			DATE CONSIDERED			
<i>initials</i>			<i>2/17/05</i>			
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<b>U.S. PATENT DOCUMENTS</b>						
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	5,720,356	02/24/1998	Gardes	175	62	02/01/1996
B	5,727,629	03/17/1998	Blizzard, Jr. et al.	166	298	01/24/1996
C	5,735,350	04/07/1998	Longbottom et al.	166	313	10/15/1996
D	5,771,976	06/30/1998	Talley	166	370	07/19/1996
E	5,785,133	07/28/1998	Murray et al.	175	61	08/29/1995
F	5,832,958	11/10/1998	Cheng	137	625.41	09/04/1997
G	5,853,054	12/29/1998	McGarian et al.	175	267	07/22/1997
H	5,853,056	12/29/1998	Landers	175	424	04/01/1996
I	5,853,224	12/19/1998	Riese	299	13	01/21/1997
J	5,863,283	01/26/1999	Gardes	588	250	02/10/1997
K	5,868,202	02/09/1999	Hsu	166	256	09/22/1997
L	5,868,210	02/09/1999	Johnson et al.	175	40	05/01/1996
M	5,879,057	03/09/1999	Schwoebel et al.	299	17	11/12/1996
N	5,884,704	03/23/1999	Longbottom et al.	16	313	08/20/1997
O	5,917,325	06/29/1999	Smith	324	326	08/25/1997
P	5,934,390	08/10/1999	Uthe	175	67	12/23/1997
Q	5,938,004	08/17/1999	Roberts et al.	198	812	02/14/1997
R	5,941,308	08/24/1999	Malone et al.	166	313	12/18/1996
S	5,957,539	09/28/1999	Durup et al.	299	4	07/17/1997
T	5,971,074	10/26/1999	Longbottom et al.	166	313	07/01/1998
U	6,012,520	01/11/2000	Yu et al.	166	245	01/04/1999
V	6,015,012	01/18/2000	Reddick	166	313	08/29/1997
W	6,024,171	02/15/2000	Montgomery et al.	166	308	03/12/1998
X	6,050,335	04/18/2000	Parsons	166	272.3	10/26/1998
Y	6,056,059	05/02/2000	Ohmer	166	313	07/24/1997
Z	6,065,550	05/23/2000	Gardes	175	62	02/19/1998
AA	6,119,771	09/19/2000	Gano et al.	166	50	01/27/1998
BB	6,135,208	10/24/2000	Gano et al.	166	313	05/28/1998
CC	6,209,636	04/03/2001	Roberts et al.	166	117.6	03/07/1999

EXAMINER <i>on file</i>	DATE CONSIDERED <i>2/17/05</i>
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U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
✓	A.	6,280,000	08/28/2001	Zupanick	299	12	11/20/1998
✓	B.	6,349,769	02/26/2002	Ohmer	166	313	03/03/2000
✓	C.	6,357,523	03/19/2002	Zupanick	166	52	11/19/1999
✓	D.	6,425,448	07/30/2002	Zupanick et al.	175	61	01/30/2001
✓	E.	6,439,320	08/27/2002	Zupanick	166	313	03/03/2000
✓	F.	6,450,256	09/17/2002	Mones	166	250.01	06/06/2001
✓	G.	6,454,000	09/24/2002	Zupanick	166	243	10/24/2000
✓	H.	6,457,540	10/01/2002	Gardes	175	62	01/29/2001
✓	I.	6,478,085	11/12/2002	Zupanick	166	50	02/20/2001
✓	J.	6,497,556	12/24/2002	Zupanick	417	85	04/24/2001
✓	K.	6,561,288	05/13/2003	Zupanick	175	69	06/20/2001
✓	L.	6,566,649	05/20/2003	Mickael	250	269.3	05/26/2000
✓	M.	6,571,888	06/03/2003	Comeau	175	61	05/14/2001
✓	N.	6,575,235	06/10/2003	Zupanick	166	50	09/15/2002
✓	O.	6,577,129	06/10/2003	Thompson	324	338	01/19/2002
✓	P.	6,585,061	07/01/2003	Radzinski	175	45	10/15/2001
✓	Q.	6,590,202	07/08/2003	Mickael	250	269.4	05/08/2001
✓	R.	6,591,903	07/15/2003	Ingle	166	50	12/06/2001
✓	S.						
✓	T.						
✓	U.						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
							NO

## NON-PATENT DOCUMENTS

EXAMINER	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
<i>Weller, Sean</i>		<i>2/17/05</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.		

PTO-1449		Application No. 10/723,322	Applicant(s) Douglas P. Seams
Information Disclosure Citation in an Application		Docket Number 067083.0229	Group Art Unit Filing Date November 26, 2003

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		DOCUMENT NO.	DATE	NAME	TYPE	CLASS	SUBCLASS	FILING DATE
✓	A.	6,598,686	07/29/2003	Zupanick	175	175	62	01/24/2001
	B.	6,604,580	08/12/2003	Zupanick	166	166	245	04/15/2002
	C.	6,604,910	08/12/2003	Zupanick	417	417	36	04/24/2001
	D.	6,607,042	08/19/2003	Hoyer et al.	175	175	38	05/17/2001
	E.	6,636,159	10/21/2003	Winnacker	340	340	854.3	06/25/2000
	F.	6,639,210	10/28/2003	Odom et al.	250	250	269.6	03/14/2001
	G.	6,646,411	11/11/2003	Thompson et al.	324	324	338	01/19/2002
	H.	6,653,839	11/25/2003	Yuratich et al.	324	324	355	12/28/2001
	I.	6,662,870	12/16/2003	Zupanick	166	166	245	01/03/2001
	J.	6,668,918	12/30/2003	Zupanick	166	166	50	06/07/2002
	K.	6,679,322	01/20/2004	Zupanick	166	166	50	09/26/2002
	L.	6,681,855	01/27/2004	Zupanick	166	166	50	10/19/2001
✓	M.	6,688,388	02/10/2004	Zupanick	166	166	50	06/07/2002
	N.							
	O.							
	P.							
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	R.							
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	V.							

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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## NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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## EXAMINER

*Willa M.**2/17/05*

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PTO-1449		Application No. 10/723,322	Applicant(s) Douglas P. Seams		
Information Disclosure Citation in an Application		Docket Number 067083.0229	Group Art Unit	Filing Date November 26, 2003	

U.S. PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
~	A. 2002/0074120	06/20/2002	Scott	166	313	12/15/2000
	B. 2002/0074122	06/20/2002	Kelly et al.	166	313	05/16/2001
	C. 2002/0050358	05/02/2002	Algeroy	166	313	09/27/2001
	D. 2003/0075334	04/24/2003	Haugen et al.	166	313	09/16/2002
	E. 2003/0062198	04/03/2003	Gardes	175	61	09/30/2002
	F. 2003/0106686	06/12/2003	Ingle et al.	166	245	12/06/2001
	G. 2003/0066686	04/10/2003	Conn	175	57	10/04/2002
	H. 2001/0096336	11/01/2001	Zupanick	175	161	02/20/2001
	I. 2002/0189801	12/19/2002	Zupanick	166	50	07/01/2002
	J. 2002/0108746	08/15/2002	Zupanick	166	50	04/15/2002
	K. 2002/0117297	08/29/2002	Zupanick	166	50	04/15/2002
	L. 2004/0007389	01/15/2004	Zupanick	175	61	07/12/2002
~	M. 2004/0007390	01/15/2004	Zupanick	175	61	07/12/2002
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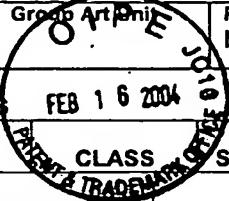
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE

## EXAMINER

*W. Seams**2/17/05*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<b>PTO-1449</b> <b>Information Disclosure Citation in an Application</b>			Application No. <b>10/723,322</b>	Applicant(s) <b>Douglas P. Seams</b>		
			Docket Number <b>067083.0229</b>	Group Art Unit <b>5C1</b>	Filing Date <b>November 26, 2003</b>	
<b>U.S. PATENT DOCUMENTS</b>						
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	<b>A.</b> 94/21889	09/29/1994	WO	E21B	43/24	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	<b>B.</b> 0 875 661 A1	11/04/1998	EP	E21B	43/30	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	<b>C.</b> 0 952 300 A1	10/27/1999	EP	E21B	7/12	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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	<b>F.</b> WO 00/79099	12/28/2000	PCT	E21B	43/25	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	<b>G.</b> WO 02/059455	08/01/2002	PCT	E21B	43/00	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	<b>H.</b> WO 02/18738	03/07/2002	PCT	E21B	07/04	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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	<b>L.</b> WO 03/061238	08/08/2002	PCT	E21B	43/00	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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<b>NON-PATENT DOCUMENTS</b>						
	<b>DOCUMENT (Including Author, Title, Source, and Pertinent Pages)</b>					<b>DATE</b>
	<b>P.</b> Examiner of Record, Office Action Response regarding the Interpretation of the three Russian Patent Applications listed above under Foreign Patent Documents (9 pages)					Date Unknown
	<b>Q.</b>					
	<b>R.</b>					
	<b>S.</b>					
	<b>T.</b>					
<b>EXAMINER</b> <i>[Signature]</i>			<b>DATE CONSIDERED</b> <i>2/17/05</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						

PTO-1449 <b>Information Disclosure Citation in an Application</b>		Application No. <b>10/723,322</b>	Applicant(s) <b>Douglas P. Séams</b>
		Docket Number <b>067083.0229</b>	Group Art Unit <b>JO</b> Filing Date <b>November 26, 2003</b>
<b>U.S. PATENT DOCUMENTS</b>			
	DOCUMENT NO.	DATE	NAME
			<b>FEB 16 2004</b> 
<b>FOREIGN PATENT DOCUMENTS</b>			
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			SUBCLASS
			TRANSLATION YES    NO
<b>NON-PATENT DOCUMENTS</b>			
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)		
	DATE		
A.	McCray and Cole, "Oil Well Drilling and Technology," University of Oklahoma Press, pp 315-319.		
B.	Berger and Anderson, "Modern Petroleum;" Penn Well Books, pp. 106-108.		
C.	Arfon H. Jones et al., A Review of the Physical and Mechanical Properties of Coal with Implications for Coal-Bed Methane Well Completion and Production, Rocky Mountain Association of Geologists, pages 169-181		
D.	Howard L. Hartman, et al.; "SME Mining Engineering Handbook;" Society for Mining, Metallurgy, and Exploration, Inc.; pp. 1946-1950, 2nd Edition, Volume 2.		
E.	Dave Hassan, Mike Chernichen, Earl Jensen, and Morley Frank; "Multi-lateral technique lowers drilling costs, provides environmental benefits", Drilling Technology, pp. 41-47.		
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I.	Gopal Ramaswamy, "Advanced Key for Coalbed Methane," The American Oil & Gas Reporter, Pages 71 & 73		
J.	Joseph C. Stevens, Horizontal Applications For Coal Bed Methane Recovery, Strategic Research Institute, pages 1-10 (slides)		
K.	R.J. "Bob" Stayton, "Horizontal Wells Boost CBM Recovery", Special Report: Horizontal & Directional Drilling, The American Oil & Gas Reporter, pp. 71-75		
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M.	Susan Eaton, "Reversal of Fortune", New Technology Magazine, pp. 30-31		
N.	James Mahony, "A Shadow of Things to Come", New Technology Magazine, pp. 28-29		
O.	Documents Received from Third Party, Great Lakes Directional Drilling, Inc., (12 pages)		
EXAMINER <i>...</i> <i>...</i>		DATE CONSIDERED <i>2/17/05</i>	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

<b>PTO-1449</b> <b>Information Disclosure Citation</b> <b>in an Application</b>		Application No. <b>10/723,322</b>	Applicant(s) <b>Douglas P. Seams</b>			
		Docket Number <b>067083.0229</b>	Group AB/Unit <b>O</b>	Filing Date <b>November 26, 2003</b>		
<b>U.S. PATENT DOCUMENTS</b> <i>FEB 16 2004</i>						
	DOCUMENT NO.	DATE	NAME			
			CLASS	SUBCLASS	FILING DATE	
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<b>NON-PATENT DOCUMENTS</b>						
	<b>DOCUMENT (Including Author, Title, Source, and Pertinent Pages)</b>					<b>DATE</b>
<input checked="" type="checkbox"/>	A. Robert W. Taylor and Richard Russell, "Multilateral Technologies Increase Operational Efficiencies in Middle East, Oil & Gas Journal, pp. 76-80					03/16/1998
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	I. Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed November 6, 2003 (8 pages) re International Application No. PCT/US 03/21626					07/11/2003
	J. Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed November 5, 2003 (8 pages) re International Application No. PCT/US 03/21627					07/11/2003
	K. Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed November 4, 2003 (7 pages) re International Application No. PCT/US 03/21628					07/11/2003
<input checked="" type="checkbox"/>	L. Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed December 5, 2003 (8 pages) re International Application No. PCT/US 03/21750					07/11/2003
EXAMINER <i>Mr. [Signature]</i>			DATE CONSIDERED <i>2/17/05</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						

PTO-1449 <b>Information Disclosure Citation in an Application</b>		Application No. <b>10/723,322</b>	Applicant(s) <b>Douglas P. Seams</b>
		Docket Number <b>067083.0229</b>	Group Art Unit <b>1022</b>
		Filing Date <b>November 26, 2003</b>	
<b>U.S. PATENT DOCUMENTS</b> <span style="float: right;">FEB 16 2004</span>			
	DOCUMENT NO.	DATE	NAME
			PATENT & TRADEMARK OFFICE
<b>FOREIGN PATENT DOCUMENTS</b>			
	DOCUMENT NO.	DATE	COUNTRY
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<b>NON-PATENT DOCUMENTS</b>			
	<b>DOCUMENT (Including Author, Title, Source, and Pertinent Pages)</b>		
	A. Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed December 19, 2003 (8 pages) re International Application No. PCT/US 03/28137		
	B. Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed February 4, 2004 (8 pages) re International Application No. PCT/US 03/26124		
	C. Smith, Maurice, "Chasing Unconventional Gas Unconventionally," CBM Gas Technology, New Technology Magazine, October/November 2003, pp. 1-4.		
	D. Gardes, Robert "A New Direction in Coalbed Methane and Shale Gas Recovery," (to the best of Applicants' recollection, first received at The Canadian Institute Coalbed Methane Symposium conference on June 16 and June 17, 2002), 1 page of conference flyer, 6 pages of document.		
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	L. U.S. Dept. of Energy - Office of Fossil Energy, "Powder River Basin Coalbed Methane Development and Produced Water Management Study," pp. 1-111, A-1 through A14		
<b>EXAMINER</b> <i>Miller, Ma</i>		<b>DATE CONSIDERED</b> <i>2/17/05</i>	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

PTO-1449 <b>Information Disclosure Citation in an Application</b>		Application No. <b>10/723,322</b>	Applicant(s) <b>Douglas P. Seams</b>	
		Docket Number <b>067083.0229</b>	Group Art Unit <b>307</b>	Filing Date <b>November 26, 2003</b>
<b>U.S. PATENT DOCUMENTS</b>				
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				TRANSLATION YES      NO
<b>NON-PATENT DOCUMENTS</b>				
	<b>DOCUMENT (Including Author, Title, Source, and Pertinent Pages)</b>			
<u>A</u>	Zupanick, U.S. Patent Application, entitled "Method and System for Underground Treatment of Materials," SN 10/142,817			
<u>B</u>	Zupanick, U.S. Patent Application, entitled "Multi-Well Structure for Accessing Subterranean Deposits," SN 09/788,897			
<u>C</u>	Zupanick, U.S. Patent Application, entitled "Slant Entry Well System and Method," SN 10/004,316			
<u>D</u>	Zupanick, U.S. Patent Application, entitled "Undulating Well Bore", SN 10/194,366			
<u>E</u>	Zupanick, U.S. Patent Application, entitled "Accelerated Production of Gas from a Subterranean Surface", SN 10/246,052			
<u>F</u>	Zupanick, U.S. Patent Application, entitled "Ramping Well Bores", SN 10/194,367			
<u>G</u>	Zupanick, U.S. Patent Application, entitled "System and Method for Subterranean Access", SN 10/227,057			
<u>H</u>	Zupanick, U.S. Patent Application, entitled "Method and System for Controlling Pressure in a Dual Well System", SN 10/244,082			
<u>I</u>	Zupanick, U.S. Patent Application, entitled "Wellbore Sealing System and Method," SN 10/194,368			
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<u>K</u>	Zupanick, U.S. Patent Application, entitled "Three-Dimensional Well System for Accessing Subterranean Zones," SN 10/244,083			
<u>L</u>	Zupanick, U.S. Patent Application, entitled "Method of Drilling Lateral Wellbores from a Slant Well Without Utilizing a Whipstock", SN 10/267,426			
<u>M</u>	Zupanick, U.S. Patent Application, entitled "Method and System for Circulating Fluid in a Well System", SN 10/323,192			
<u>N</u>	Zupanick, U.S. Patent Application, entitled "Method and System for Removing Fluid from a Subterranean Zone Using an Enlarged Cavity", SN 10/264,535			
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>		
<i>nick</i> <i>Mer</i>		<i>2/17/05</i>		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.				

PTO-1449 <b>Information Disclosure Citation in an Application</b>		Application No. <b>10/723,322</b>	Applicant(s) <b>Douglas P. Seams</b>
		Docket Number <b>067083.0229</b>	Group Art Unit <b>101</b>
		Filing Date <b>November 26, 2003</b>	
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	<b>DOCUMENT (Including Author, Title, Source, and Pertinent Pages)</b>		
<input checked="" type="checkbox"/>	<b>A.</b> Zupanick, U.S. Patent Application, entitled "Method and System for Controlling the Production Rate ..., SN 10/328,408	12/23/2002	
<input checked="" type="checkbox"/>	<b>B.</b> Rial, U.S. Patent Application, entitled "Method and System for Accessing a Subterranean Zone from a Limited Surface Area, SN 10/188,141	07/01/2002	
<input checked="" type="checkbox"/>	<b>C.</b> Rial, U.S. Patent Application, entitled "Method and System for Recirculating Fluid in a Well System," SN 10/457,103	06/05/2003	
<input checked="" type="checkbox"/>	<b>D.</b> Zupanick, U.S. Patent Application, entitled "Wellbore Sealing System and Method," SN 10/406,037 Published	07/12/2002	
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<b>EXAMINER</b> <i>Miller M</i>		<b>DATE CONSIDERED</b> <i>2/17/04</i>	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			



PTO-1449 (07-04-02) U.S. TRADEMARK OFFICE	Application No. <b>10/723,322</b>	Applicant(s) <b>Douglas P. Seams</b>	
<b>Information Disclosure Citation in an Application</b>	Docket Number <b>067083.0229</b>	Group Art Unit <b></b>	Filing Date <b>November 26, 2003</b>

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	1,488,106	03/25/1924	J. J. Fitzpatrick	N/A	N/A	02/05/1923
	B	4,333,539	06/08/1992	Lyons et al..	175	61	12/31/1979
	C	5,411,088	05/02/1995	LeBlanc et al.	166	265	08/06/1993
	D	5,653,286	08/05/1997	McCoy et al.	166	105.5	05/12/1995
	E	5,775,433	07/07/1998	Hammett et al.	166	98	04/03/1996
	F	6,179,054	01/30/2001	Stewart	166	105.5	07/31/1998
	G	6,357,530	03/19/2002	Kennedy et al.	166	369	09/27/1999

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ID		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANSLATION	
							YES	NO
1	H	SU-1448078-A1	03/25/1987	Russia	E21F	5/00-F 7/00	X	
2	I	SU-1770570-A1	03/30/1990	Russia	E21F	7/00	X	
3	J	SU-750108	06/26/1975	Russia	E21C	45/00	X	
4	K	WO 98/35133	08/13/1998	PCT	E21C	27/24	X	
5	L	WO 01/44620	06/21/2001	PCT	E21B	43/38	X	
6	M	GB 2 255 033	10/28/1992	Great Britain	B04B	11/02	X	
7	N	CA 2 278 735	01/13/1998	Canada	E21C	21/24	X	
8	O	CH 653 741	01/15/1986	Germany	E21B	43/24		X

## **NON-PATENT DOCUMENTS**

DOCUMENT (Including Author, Title, Source, and Pertinent Pages)			DATE
P	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed February 9, 2004 (6 pages) re International Application No. PCT/US 03/28138.		09/09/2003
Q	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed February 27, 2004 (9 pages) re International Application No. PCT/US 03/30126.		09/23/2003
R	Fletcher, "Anadarko Cuts Gas Route Under Canadian River Gorge," Oil and Gas Journal, pp. 28-30		January 25, 2004
S	Translation of selected pages of Kalinin, et al., "Drilling Inclined and Horizontal Well Bores," Nedra Publishers, Moscow, 1997, 15 pages		1997
T	Translation of selected pages of Arens, V.Zh., "Well-Drilling Recovery of Minerals," Geotechnology, Nedra Publishers, Moscow, 7 pages, 1986		1986

EXAMINER 	DATE CONSIDERED 2/17/05
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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